540, 244

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(54) Title: SYSTEM FOR MAINTAINING WHITE UNIFORMITY IN A DISPLAYED VIDEO IMAGE BY PREDICTING AND COMPENSATING FOR DISPLAY REGISTER CHANGES

VIDEO IN

Predict variation in physical characteristic of display device — 200

Determine change in color characteristic — 210

Modify video signal to compensate for color change — 220

COMPENSATED VIDEO OUT
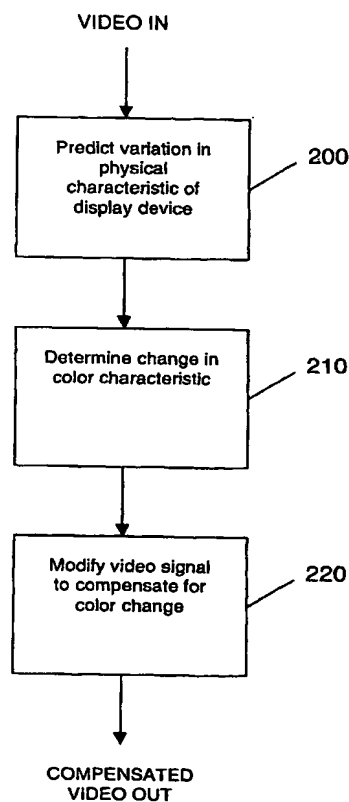
(57) Abstract: A system for correcting a color characteristic of an image displayed in response to a video signal involves processing the video signal for predicting a variation in a physical characteristic of a display device displaying the image, processing the video signal for determining a change in the color characteristic occurring in response to the variation in the physical characteristic, and modifying the video signal for compensating for the change in the color characteristic.

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